



Inequities & Vulnerabilities of Older Adults Under Climate Change:

Resource & Responsibility Both Start With “R”

Michael M. Weston, M.S.

Disaster Consultant

Long Term Recovery Specialist FEMA

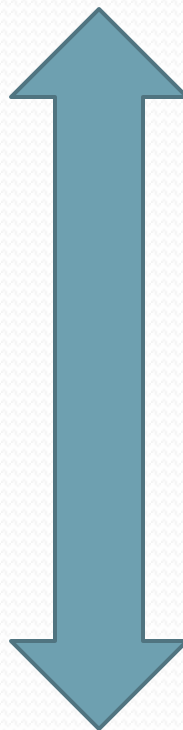


Billion Dollar Climate and Weather Disasters 1980 - 2004



NUMBER OF EVENTS	DISASTER TYPE	NUMBER OF EVENTS	PERCENT FREQUENCY	NORMALIZED DAMAGES (\$BILIONS OF DOLLARS)	PERCENT DAMAGE
1 - 3	Tropical Storm/Hurricanes	20	33.3%	144	36.9%
4 - 6	Non-Tropical Floods	12	16.7%	30	14.7%
7 - 9	Droughts	10	16.7%	144	36.9%
10 - 12	Severe Weather	7	11.7%	12	3.3%
13 - 15	Fires	6	9.0%	12	3.3%
16 - 20	Floods	5	5.0%	9	1.9%
21 - 25	Blizzards	3	5.0%	9	2.3%
	Ice Storms	3	5.0%	9	1.9%
	Reservoirs	1	1.0%	2	0.5%
		62		391	

Disasters



Hurricane Katrina

- **Known Fatalities:**
70% of Deaths = 60 yrs+
- **Costal Infrastructure Destroyed**
- **Inland Impact, Winds & Tornadoes**
- **Homes, Businesses & Agriculture**
- **82% of Power Grid Outages Ranged From 3 to 45 Days**
- **The Gulf Coast Still Rebuilding Today**



Pick a Number

48.5

States



Sheltering Options & Considerations

General Populations Shelters



Medical Needs Shelters



Mega Shelters



Cruise Ships

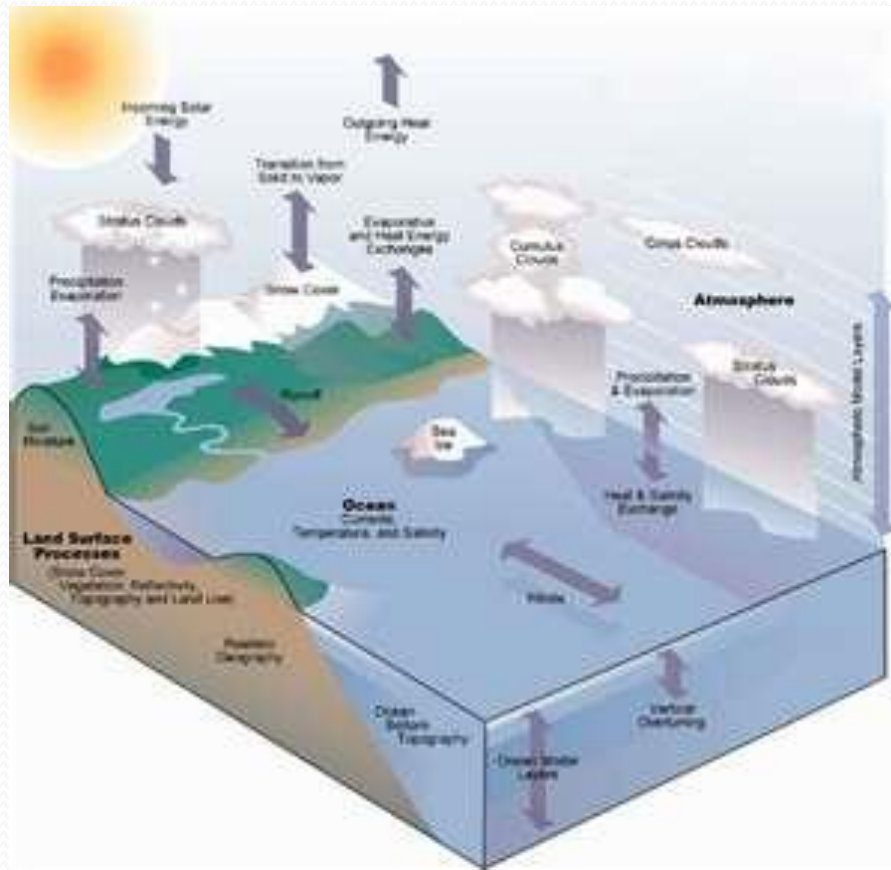


Storage PODS & Pets



Climate Change / Hurricanes

Cause



Effect





True or False

“Sticks & Stones May Break My Bones
But Words Can Never Hurt Me”

SPECIAL NEEDS

FUNCTIONAL NEEDS

AT RISK

&

VULNERABLE POPULATIONS




TOUGH!



You're
Not
Alone...



But you should plan as if you were!

- 
- ✓ **MAKE A PLAN**
 - ✓ **HAVE A BACKUP PLAN**
 - ✓ **FIND A BUDDY**
 - ✓ **DETERMINE YOUR
INDIVIDUAL NEEDS**

To Write A Good Plan, You
Must: **ACE** It!

Accommodate
Communicate
Educate

Senior Resources

- **CERT**
- **BROWARD COUNTY
GUARDIANSHIP PROGRAM**
- **COMMUNITY CARE CORPS
(PEP & RARA)**
- **EAGLES**

Hurricane Frances & Jeanne

Barefoot Bay

before ...



and



after...

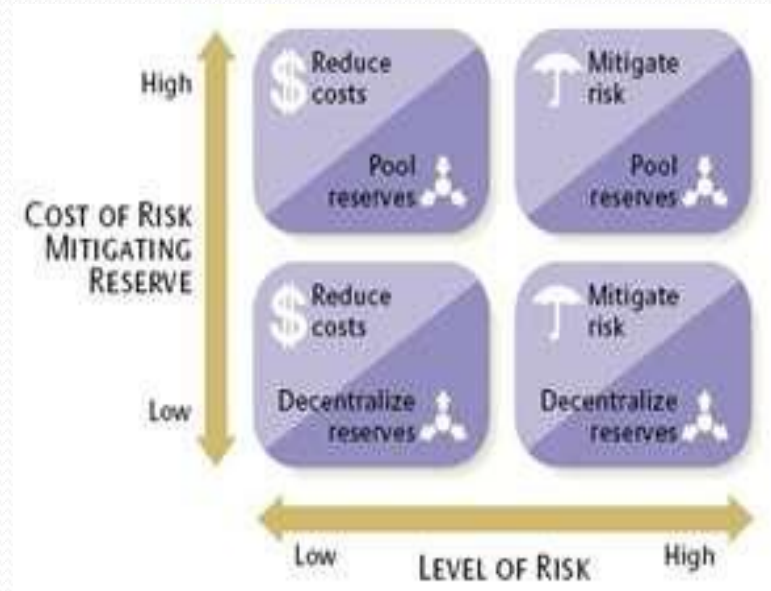


Capacity Building

Staff Disaster Survey



Disaster Matrix



Alabama Safe Centers





Final Thought...

“Special or Functional Needs is the most labor intensive aspect of disaster planning.”



Questions?

Michael M. Weston
westcots@aol.com